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10 June 1988

MEMORANDUM FOR: *SL* Director of Information Technology

FROM: Philip K. Eckman
Director of Research and Development

SUBJECT: ORD Research Program for Fiscal Year 1989

1. Each summer, the Office of Research and Development briefs its "customer" Offices on ORD's research program for the coming fiscal year. The briefing covers research projects we plan to perform on behalf of your Office, as well as other projects we believe might be of interest to you. I would like to present this year's briefing to you and your deputy on ~~Tuesday, 12 July, at 1000 hours~~ *Monday, 1 Aug at 2:30 p.m.* in your office. Please let me know if the date and time are convenient for you.

2. I would like to make the briefing as useful as possible for you, so I welcome your ideas on issues you would like us to address. If you have any suggestions, please advise me or my Executive Officer, as soon as possible so that we can tailor our briefing to your requirements.

Philip K. Eckman

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7/1

STAT Phoned to OIT group chief
suggestions of topics to cover in the
briefing:

IDES software package--do more on this? build
security into the system (Carl)

Project for front end of SAFE. (Carol)

Work on disc encryption (Carol)

Look into cheap Tempest protection. (Doris)

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25X1 Responding To: [redacted]
Reply From: [redacted]
Re: Your note dated 06/29/88

25X1 I can think of three items ORD might want to look at. All are both current and long-term problems for which CIA requirements exceed or are significantly different from normal commercial requirements. [redacted]

25X1 1. Research on virus detection and elimination. This problem is only going to get worse, both on PCs and eventually on mainframes (as PC programs are shared via mainframe minidisks). We have the same basic problem as everyone else, but we may have a different issue with regard to both who is targetting us, and consequences of a successful "infection" in the Agency. [redacted]
25X1 [redacted]

25X1 2. We need R&D on improved methods for automated data base conversions. In brief discussions with ORD earlier this year I got a sense that what we want is feasible, but will need high level visibility to get something started. I realize that we have selected a case-by-case approach for the near term, but this problem will not be going away, and a long-range, strategic, program in this area would be useful. The program should have a sequence of successively more competent tools for automatic translations of both data bases and applications, as its deliverables, focussing on GIMS and RAMIS to begin. [redacted]

25X1 3. We need help on improved methods for imagery transmission, storage and display on Agency standard systems (networks, mainframes, workstations). The volume of imagery for which analysts will be clamoring over the next five years and beyond exceeds our capacity to deliver. It should be a relatively straightforward technical R&D project to get us some help over the next three years in this area. [redacted]
25X1 [redacted]

Phoned to ORD on 7/7 [initials]

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